

# Hamsplatter

August 1999

Volume 28 Issue 8

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## President's Corner



The Field Day results are in! Unfortunately, they did not get submitted in time for the ARRL deadline and won't appear in the QST summary. My profuse apologies for missing this important goal. Here are the results of the field day as they would appear in the QST:

Class	Points	QSOs	Participants
5A	2896	804	29

Again, I want to extend my personal thanks to all who helped to make the field day a resounding success and a lot of fun. It was a great team effort by all.

We have a success story to our code and theory class! Mary Baker (11) passed the Technician element 3A on 7/31. Dan Baker (14) passed the Novice element 2 test on Saturday, 7/31 and the Technician 3A on Saturday, 8/7. Their Dad, Tom Baker (KB9TFC) upgraded to Amateur Extra Class! Quite a success story and quite an achievement for a family! Congratulations to Dan, Mary and Tom Baker! Be sure to extend your congratulations to them at our club meeting on Friday, 8/20

More opportunities are coming up for code and theory classes. I have been approached for classes for a church and Boy Scouts for this Fall. Two classes are more than I will be able to support, so we will need additional volunteers to assist in this most worthy effort. I can think of nothing more important to Amateur Radio than increasing its ranks with well-educated new hams! I will be calling on members to assist in this effort.

Next Regular Meeting will be on Friday, August 20 at 7:30 PM at the Good Shepherd United Methodist Church at the corner of Vance and Reed. The program following the meeting will be a surprise.

See you there!

73s

Bill Stockslager (N9WS)

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## ULS Ham Radio Phase-in Period Begins August 8

from *The ARRL Letter*

The FCC begins phasing in the Universal Licensing System for the Amateur Service August 8 at 4 PM Eastern Time. That's when the FCC stops accepting new or upgraded licensee data from Volunteer Examiner Coordinators under the current amateur licensing system.

The ULS ushers in an era of electronic, interactive filing and handling of Amateur Radio applications. Being phased out under ULS is the familiar paper FCC Form 610 series. A "universal" Form 605—primarily designed for electronic use but also available on paper—will take its place.

A July 23 FCC Public Notice says the Wireless Telecommunications Bureau will begin using the ULS for the Amateur Service on August 16. Existing Amateur Radio licensing data will be transferred into the ULS database during a weeklong phase-in period. During the phase-in period, the FCC will not process new or upgraded licenses.

Electronic filing of Amateur Radio license renewals using FCC

**Next Club Meeting - Friday,  
August 20, 1999, 7:30 PM  
Good Shepherd United  
Methodist Church, corner  
of Vance Ave. & Reed Rd.**

**Program: Surprise**

**Continued on page 2**



## July Meeting Minutes

The July meeting of the Ft. Wayne Radio Club occurred on 16 July, 1999. It was held at the Good Shepherd United Methodist Church and was hosted by President Bill Stockslager. There were about 20 attendees.

Al Burke read the minutes from the June meeting. There were no corrections.

Al Burke delivered the Treasurer's report in Bob Streeter's absence.

He reported that the club's total assets as of 16 July were \$11402.90 which includes the estimated value (\$4150.00) of club equipment, \$166.40 in cash and 6902.64 in liquid assets.

Al Burke read a thank you note from the family of recently deceased club member Roland Mitchell, W9PEP. The club had sent a dish garden in memory of Roland who was an avid gardener in addition to being an active ham.

There was no formal Foxhunt report. However, Clint Stedje noted that KB9's DOT and DOS were the winners of the July Foxhunt tracking their prey down in Headwaters Park.

Bill Stockslager reminded everyone to take a minute, look at their license and determine when it must be renewed. Don't let it run out!

Bill also noted that our two remaining students in the Code and Theory class, Mary and Dan, will be taking their exams either in Columbia City the end of this month, or at Georgetown in early August. We are looking forward to having two new hams in the community!

## Be sure to read Teresa's thank-you letter on page 3.

Teresa Greenwell from the Diabetes Association dropped by to thank the Club for its participation in the Diabetes Walk-a-thon which the club supported last month. FWRC provided communications support for the event using the 440 machine; about 9 club members participated. The Walk-a-thon involved 180 walkers and raised \$26,000 to help in the fight against Diabetes. Teresa noted that she would like the club to help out next year as well.

Al Burke gave an initial briefing on the analysis of the new Allen County Building Ordinance that will be enacted by the end of this year. It appears that there are no specific restrictions on tower heights per-se, but there is an inferred tower height restriction in the form of required "set backs" that require that towers be located such that they are set back from the property line a distance equal to the tower height.

Bill Hall conducted the 50/50 Raffle. Guest Teresa Greenwell drew the winning ticket for the split of the \$13.00 pot, and Bill Stockslager was the winner.

Following the formal meeting, Bill Stockslager gave a wrap-up report on the Club's Field Day effort.

RESPECTFULLY SUBMITTED,  
AL BURKE, WB9SSE

## ULS Phase-in Continued from page 1

Form 900 ends August 9 at 9 AM Eastern Time. Electronic filing of vanity call sign application Form 610V terminates August 13 at 5:30 PM Eastern Time. Hams should not attempt to file renewal or vanity applications until the ULS comes up August 16.

Starting August 16, hams registered in the ULS may file the new FCC Form 605 electronically at any time of day, seven days a week. FCC Form 605 will be used for license renewals, modifications, cancellations, vanity call sign application, application withdrawals and amendments, as well as requests for duplicate licenses and administrative updates (ie, a change of address or other clerical license modification). Applications for new or upgraded licenses will continue to be filed through a Volunteer Examiner Coordinator.

Automated processing of electronically filed applications will occur nightly each business day, but five days a week instead of seven. There will be no weekend processing under the ULS. The FCC has warned that applicants should anticipate processing delays during the first couple of weeks the ULS is in effect.

The FCC will stop accepting most Form 610 applications next February 16, but club station Form 610B will continue to be valid beyond the six-month transition window to allow time for the FCC to implement new handling procedures.

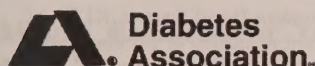
Among the advantages of the ULS, the FCC says, are fast and easy electronic filing, improved data accuracy through automated checking of applications, and better electronic access to licensing information. One feature of the new ULS is a renewal reminder sent 90 days prior to a license's expiration date. ULS also will simplify the process of submitting fees to the FCC, and the FCC said it anticipates that the ULS will be capable of accepting credit card payments on-line in the near future.

Registration in the ULS is required. Applicants should use FCC Form 606 for both electronic or manual filing. To register online, visit <http://www.fcc.gov/wtb/uls/> and click on "TIN/Call Sign Registration." A paper FCC Form 606 is available at <http://www.fcc.gov/formpage.html> or from the FCC's Forms Distribution Center, 800-418-3676.

The FCC will not process future license grants, upgrades, modifications or renewals for any applicant not registered in the ULS. Individuals eligible to hold a Social Security Number must provide this number to the FCC in order to be registered in the ULS.

A copy of the July 23, 1999 Public Notice is available at <http://www.fcc.gov/wtb/uls/>. Additional information on ULS will appear in the Washington Mailbox column in the September issue of QST.





to prevent and cure diabetes  
and to improve the lives of all  
people affected by diabetes

July 16, 1999

Fort Wayne Ham Radio Club

Thank you for so diligently assisting with the Feet to Beat Diabetes Walk on June 19, 1999 in Fort Wayne.

Wow!!!! All of you are super terrific!!! Your skill with your radios and ability to get information to the appropriate person quickly was invaluable.

You have definitely enlightened me about this skill and how valuable this talent is to the community!!!

Thank you for making a difference!!! The Walk raised almost \$26,000!!!!!!!!!!!!!!!!!!!!!! This money will be used to find a cure for diabetes and educate people in our community about diabetes!!!!!!

Fort Wayne Ham Radio Club, we could not have done it without all of your help!!!!!!! THANK YOU!!!!!!!!!!

With renewed hope for a cure,

A handwritten signature in cursive script that reads 'Teresa Greenwell'.

Teresa Greenwell  
District Director

Northern Indiana Area

2816 South Clark Road, Huntington, Indiana 46750 Tel. (219) 758-8002 1-800-228-2897 (Indiana only)

Fax: (219) 758-8002

For Diabetes Information Call 1-800-DIABETES • <http://www.diabetes.org>

*The Association gratefully accepts gifts through your will.*



## ARRL Board Adopts New League Identity

from *The ARRL Letter*

**"The national association for Amateur Radio."—will appear on League correspondence and publications.**

The ARRL Board of Directors unanimously has approved the use of a new identity for the League. Meeting July 16-17 in Rocky Hill, Connecticut, the Board accepted the recommendation of the ARRL Executive Committee to emphasize the initials "ARRL" in conjunction with the tag line "The national association for Amateur Radio." The new identity—which is not a legal name change—will appear on League correspondence and publications.

The traditional—and legal—name will be retained but de-emphasized; a new ARRL letterhead design includes "American Radio Relay League" at the bottom.

Further discussion of any possible new name for the League has been deferred until the Board meets again in January.

The ARRL Board also approved a proposal to hold a Hiram Percy Maxim 130-year anniversary on-the-air event in September. The event will mark the 130th anniversary of Maxim's birth, September 2, 1869. It will take place September 2-11.

In other matters, the Board unanimously authorized a mail vote of full members in the proposed new West Central Florida Section, which includes nine counties that now are part of the Southern Florida Section. A group calling itself the West Central Florida Section Committee filed a petition with the League earlier this year to create a third section in the Sunshine State.

Ballots will go out within a few weeks to ARRL members in Charlotte, DeSoto, Hardee, Highlands, Hillsborough, Manatee, Pinellas, Polk and Sarasota counties. Results of the balloting will be reported to the Board on a county-by-county basis. The proposed section is home to more than 2500 League members. If a simple majority of eligible members voting approves the change, the Board will review the entire petition file and vote to approve or disapprove the requested change. That decision is final.

The ARRL Board also discussed the recent Petition for Rulemaking filed by the Central States VHF Society and plans to file timely comments on the proposal. The petition would amend FCC rules to formally segregate wideband and narrowband modes on VHF and UHF bands to eliminate interference from FM and packet in the so-called weak-signal portions of 6 and 2 meters and 70 cm. The FCC has assigned RM-9673 to the SCVHFS petition. Comments are due by July 28.

The League's comments will support the intent of the petition, but the Board unanimously agreed that the petition, as submitted, "does not sufficiently establish a basis for the regulatory relief requested." As an alternative to the SCVHFS petition, the League will suggest doing a better job of educating the amateur community about ARRL band plans. The League also plans to again try to get the FCC to acknowledge that VHF and UHF operation in accordance with ARRL band plans is "good amateur practice" and will seek supporting compliance efforts by the FCC.

In other action, the Board

\* directed Executive Vice President David Sumner, K1ZZ, to study the development and implementation of electronic QSL submittals for ARRL-sponsored awards.

\* directed Sumner to develop and implement strategies to induce developers "and others who have influence in these matters" to relax restrictive covenants pertaining to Amateur Radio and antennas "so that Amateur Radio activities might be broadly accommodated."

\* heard "A Vision for Amateur Radio: Progress Report" from Sumner that addresses where Amateur Radio will be in 2010 and the challenges the League and the hobby will face.

\* officially recognized "the historic and benevolent contributions of the National Traffic System and its operators to the ARRL and the public service program," on the occasion of NTS's 50th anniversary.

\* directed the Headquarters staff to review the effects of contest rules pertaining to rovers and to make recommendations for promoting the participation by rovers.

\* presented a National Certificate of Merit to Nate Brightman, K6OSC, "for his dedicated efforts" that have resulted in continuous operation of the W6RO station aboard the Queen Mary by an Amateur Radio staff of more than 100 volunteers.

Additional details and complete minutes of the July Board meeting are posted on ARRLWeb (<http://www.arrl.org/>) and will appear in the September issue of QST.

## Improved FCC Web site

from *The ARRL Letter*

The FCC's Web site has a completely new look to go along with its move to The Portals. The new site, still at <http://www.fcc.gov>, features an image of the FCC's new home and logo and contains more graphics. Current news "headlines" are in a highlighted box that runs down the middle of the home page, while the lefthand part of the screen is devoted mainly to comments (a video clip also is available) by FCC Chairman William Kennard. The righthand side of the screen focuses on "major initiatives," such as the V-chip, area codes, "parents, kids, and communications," and other hot topics. Clicking on the associated image or headline takes you to a page on the subject. Unchanged (so far at least) is the FCC's Amateur Radio page at <http://www.fcc.gov/wtb/amateur/>. Comments and suggestions on the updated site go to Sheryl Segal, [ssegal@fcc.gov](mailto:ssegal@fcc.gov).

## South Africa Added To Third-party Traffic List

from *The ARRL Letter*: South Africa (ZS) has been added to the list of countries with which the US has a third-party traffic agreement. The FCC updated its Amateur Service International Arrangements in a Public Notice July 21, listing all countries that have made necessary arrangements with the US to permit an Amateur Radio station regulated by the FCC to exchange messages for a third party. The updated list also is available on ARRLWeb at <http://www.arrl.org/field/regulations/io/3rdparty.html>.



## ARISS Equipment Takes Another Step Toward ISS

from *The ARRL Letter*

The equipment that will become the first Amateur Radio station on the International Space Station has completed a significant milestone in anticipation of its journey into space later this year. Following exhaustive qualification testing at NASA's Goddard Space Flight Center, the radios, TNC, power supplies, and connecting harnesses for the initial transportable ARISS ham station are on their way to Kennedy Space Center for launch this December during shuttle mission STS-101.

"The first set of flight hardware for Amateur Radio on the International Space Station (ARISS) project has passed all its tests and is on its way to Kennedy Space Center," said Will Marchant, KC6ROL. Marchant credited "a tremendous amount of work by Frank Bauer, KA3HDO, and his team of volunteers at Goddard Space Flight Center" for getting the qualification testing done. Marchant said the hardware was shipped to Kennedy Space Center July 9.

AMSAT President Keith Baker, KB1SF, expressed his thanks and appreciation on behalf of AMSAT for getting the initial ham gear through qualification testing.

The initial ham gear—primarily Ericsson commercial-grade handheld transceivers—will support amateur operation from the ISS on voice and AFSK packet on 2 meters and 70 cm. The equipment package includes one 6 W VHF and one 4 W UHF transceiver plus an interconnecting box to distribute audio and power and a 1200-baud packet TNC. Marchant said the gear will provide the ISS with Amateur Radio capability similar to the voice and packet currently available to cosmonauts aboard the Russian Mir space station.

More sophisticated transportable ham gear will be delivered in late 2000 or early 2001. A rack-mounted permanent station is expected to be launched in 2003 or 2004. An externally mounted "microsatellite-like" station will launch in that time frame as well, Marchant said.

The ARISS external antennas will be mounted on the outside of the ISS Service module during a space walk scheduled for STS-101. Ultimately, four external antennas will be flown to support amateur communication on HF, VHF, UHF, L band (including GPS receive) and S band.

Qualification testing—sometimes called "shake-and-bake testing"—is required of all equipment bound for the ISS or used in manned spaceflight. The detailed, rigorous testing sequences are aimed at ensuring crew safety and minimizing equipment failure.

## AMRAD Continues LF Experiments

from *The ARRL Letter*

Slow-speed beacon transmissions from the Washington, DC, area at 136.75 kHz under the call sign WA2XTF have been on the air continuously since May from the QTH of WB3KDU in

Vienna, Virginia. The activity is being conducted under the Part 5 Experimental License issued to the Amateur Radio Research and Development Corporation to test the waters on 136 kHz. So far, reception reports have been received from amateurs near Washington, DC.

In March, the FCC granted a one-year experimental license to AMRAD to conduct tests using WA2XTF on 136.75 kHz from twelve sites in Northern Virginia. These experiments are to gain experience in anticipation that the FCC may allocate the low-frequency band 135.7-137.8 kHz to the Amateur Radio Service in the US. Several other countries already have an LF allocation at 136 kHz.

Last October, the ARRL petitioned the FCC to create two amateur LF allocations at 135.7-137.8 kHz and 160-190 kHz. The League asked for a 200 W PEP power limit (no more than 2W EIRP) and asked that the new bands be made available to those holding a General class or higher license. The League proposed permitting CW, SSB, RTTY/data, and image emissions. Its petition was designated RM-9404.

The installation at the WB3KDU experimental site has been a team effort using a ROPEX "The First" transmitter, a homebrew antenna system, and bits and pieces from various members' collections. After about a month of operation from this initial station, others authorized under the Part 5 license got serious about gathering the parts to put their own stations on the air. AMRAD participants were able to locate some large inductors and capacitors not normally part of HF/VHF junk boxes during the recent Dayton Hamvention.

While the list of stations is closed and new transmitting stations cannot be added, others are invited to join the project by listening and reporting results. Reception reports should be sent via e-mail to Andre Kesteloot, N4ICK, [n4ick@amrad.org](mailto:n4ick@amrad.org). More information is available about this experimental operation at the AMRAD Web site, <http://www.amrad.org/>—AMRAD Newsletter

**"The first set of flight hardware for Amateur Radio on the International Space Station project has passed all its tests and is on its way to Kennedy Space Center."**

## FCC Enforcement Log available

from *The ARRL Letter*

The FCC Amateur Radio Enforcement Log—a compilation of recent enforcement actions and correspondence from ARRL—now is available on the ARRLWeb (<http://www.arrl.org/>) by clicking on "News". Then visit "FCC Amateur Radio Enforcement Logs" under "Special Interest Topics." Editions of the FCC Amateur Radio Enforcement Log first appear in The ARRLWeb Extra on the Members Only site, <http://www.arrl.org/members-only>.



## STS-93 Is a SAREX Success!

from *The ARRL Letter*

Shuttle Columbia mission STS-93 was an Amateur Radio success story. During the short mission, crew members completed Space Amateur Radio EXperiment contacts with five schools plus a contact with the cosmonauts aboard the Russian Mir space station. STS-93 returned to Earth July 27.

### ...future ham radio efforts in space will focus on the Amateur Radio on the International Space Station—or ARISS—project.

Launched July 23, STS-93 marked the 25th time the SAREX payload has flown on a shuttle mission. It also likely will be the last SAREX shuttle mission as future ham radio efforts in space will focus on the Amateur Radio on the International Space Station—or ARISS—project.

Lucky students at schools in Virginia, California, Texas and Florida had officially-scheduled QSOs with the STS-93 astronauts. All contacts eventually were successful, but not without a few glitches. The ham gear was deployed early in the mission, and during a pass over Houston, the SAREX Team—using the Johnson Space Center Amateur Radio Club's call sign, W5RRR—attempted a test pass that failed. Throughout the mission, John Nickel, WD5EEV; Karen Nickel, WD5EEU; and Gil Carman, WA5NOM, led the SAREX volunteers at the Johnson Space Center.

After troubleshooting during several Houston passes with STS-93 Commander Eileen Collins, KD5EDS, an orbiter power receptacle was found to be faulty. Meanwhile, the first scheduled school QSO with Buzz Aldrin Elementary School in Reston, Virginia, had audio on only one end of the contact, so the SAREX Team negotiated a new time slot for the school sked.

The next scheduled school QSO, with Harbor View Elementary in Corona Del Mar, California, was much more successful. Eight students interviewed the astronauts. One thing the kids wanted to know about was the food aboard the shuttle. "The food is quite good—really!," Collins replied. "Today I had rice and there are plenty of food items to choose from, including snacks."

### "Unbelievably, some Australia birds had pecked through Gordon's coax!"

The orbiter then maneuvered its attitude to accommodate another payload, the Southwest Ultraviolet Imaging System. The resulting tail-down, nose-up attitude is not conducive to QSOs, as the SAREX window antenna can't radiate the signal toward Earth. A scheduled QSO with Awty International School in Houston, Texas, failed,

but a new schedule was negotiated. Prior to the next two schools QSOs, the SAREX Team worked with NASA to get the orbiter returned to a favorable attitude just for the SAREX activities.

Students were rewarded with excellent results. "I would like

to take this opportunity to publicly thank all of the individuals that made it possible for PSJA-Memorial Middle School to have a successful SAREX contact with STS-93," said Joe Kertesz, KC5RFX, of Memorial Middle School in Pharr, Texas. "Hats off to everyone, and a heartfelt thank you from me and my school. It was truly a memorable occasion." Then, Kertesz added, "Now, when does ARISS go on line?!"

Murphy almost took his toll on yet another school. Not long before the Osceola (Florida) Elementary School's QSO, SAREX relay station operator Gordon Williams, VK6IU, in Australia, discovered he had a problem with his gear. "Unbelievably, some Australia birds had pecked through Gordon's coax!" John Nickel related after speaking with Williams via telephone. VK6IU wound up climbing his tower in the rain early Monday, changing out the cable just in time to handle the SAREX relay.

On Monday evening, the Buzz Aldrin and Awty schools were rewarded for their patience with completed QSOs, and the students were thrilled. For more information about the school contacts, visit the STS-93 information page at <http://garc.gsfc.nasa.gov/~kc6rol/sts93.html>.

The mission garnered some good PR for Amateur Radio. The Los Angeles Times ran an article about the Harbor View Elementary School contact. The official July 24 STS-93 Status Report released by NASA included two references to SAREX activities by astronauts. Two on-line newspapers carried .wav files and details on the schools' SAREX educational events.

The Columbia-Mir QSO also was a huge success and in three languages—English, Russian and French, and the parties on both sides enjoyed their time on the air. "You could hear it in their voices—they were smiling ear-to-ear," John Nickel said.

AMSAT's Pat Kilroy, WD8LAQ, reported that the Columbia-Mir QSO was "tricky" to complete, because of the timing. "Both crews had to be awake, and Mir had to pass over the horizon in Houston, where SAREX team member Brian Zemba, N1WSO, was waiting at Johnson Space Center Amateur Radio Club's station, W5RRR," he said. "Shuttle Columbia was almost half a world away, traveling over Indonesia."

Zemba successfully linked with French cosmonaut Jean-Pierre Haignere, FX0STB, who radioed, "This is Mir space station speaking, this is Jean-Pierre." Columbia astronaut Michel Tognini, KD5EJZ, then spoke with Jean-Pierre in their native French. Next they turned over their mikes to the two space commanders. Mir's Viktor Afanasyev, then congratulated Eileen Collins on being the first woman commander of a shuttle crew.

To listen to the exchange, click on NASA's .wav file at <http://shuttle.nasa.gov/gallery/audio/shuttle/sts-93/wave/congrats.wav>.

Tognini also exchanged greetings in Russian with cosmonaut Sergei Avdeyev. Tognini and Avdeyev flew to Mir together in 1992.—Rosalie White, WA1STO



## FCC Says Telephone Numbers Optional For ULS

from *The ARRL Letter*

The FCC has clarified that Amateur Radio applicants using the Universal Licensing System don't have to provide a telephone number or e-mail address as long as they provide a valid US mailing address. But the Commission has yet to provide a convenient way for ULS electronic filers to get around having to supply a telephone number. The clarification was contained in a recent FCC order that addresses various issues for reconsideration in its ULS proceeding. The FCC says it considers it "reasonable" to request telephone numbers and e-mail addresses but that the data will be optional for hams. The question of whether or not telephone numbers that have been provided to the ULS will be made part of the public licensee database is "still being reviewed," an FCC spokesperson said this week.

As currently configured, the ULS still requires applicants to provide a telephone number in order to register, but not an e-mail address. An FCC spokesman told the ARRL recently that applicants lacking a telephone number can use a business telephone, the telephone number of a close friend or relative, or just fill in with zeros.

The FCC order also said that the FCC will continue to issue paper license documents to amateurs.

When the FCC implements the Universal Licensing System for the Amateur Service August 2, registrants will be required to supply a Taxpayer Identification Number (TIN—typically your Social Security Number) in order to register and be asked to supply a telephone number. The paper FCC Form 610—being phased out in favor of the new Form 605—already requests a daytime telephone number.

Current information on the FCC Web site suggests that telephone numbers provided to the ULS will be available in the public ULS records. The FCC's Notice to Individuals declares, "all information provided in this form, except Taxpayer Identification Number, will be available for public inspection." The Notice says that not providing requested information may delay processing of an application or cause it to be returned without action. Some hams have expressed concerns about having to supply unlisted telephone numbers to register in the ULS, only to have them made public by the ULS. Others worry that the system would make their telephone numbers the target of telemarketers.

On a related issue, the FCC still has not decided exactly how FCC-assigned TINs will work for the Amateur Service. The FCC had announced that Assigned TINs would be available to those doing business with the FCC who were ineligible to obtain a Social Security Number. This would include amateur licensees who are not US citizens. So far, no Assigned TINs have been issued to amateurs and none will be until the policy for Amateur Radio is decided. Those seeking an ATIN must supply a reason. The FCC expects to sort out the ATIN issue very soon.

Registration in the ULS is required. Individuals eligible to hold a Social Security Number must provide this number to the FCC in order to be registered in the ULS. To register, visit <http://www.fcc.gov/wtb/uls/> and click on "TIN/Call Sign Registration."

## Special HU4U DXpedition Set From El Salvador

from *The ARRL Letter*

Operators from Spain and El Salvador join forces August 16-23 as HU4U. This special operation is part of a cooperative campaign organized by URE, the IARU Spanish Radioamateurs Association, to rebuild the digital network in El Salvador that was damaged by Hurricane Mitch. The URE is attempting to establish a new paradigm, turning its DXpedition operations into opportunities for international cooperation and humanitarian service.

**...to rebuild the digital network in El Salvador that was damaged by Hurricane Mitch.**

The El Salvador project follows on the heels of the 1998 TJ2RSF operation where URE and Radio Amateurs Without Frontiers installed a VHF communications network for missionaries serving in Cameroon. The operators from Spain plan to transport PCs, transceivers, antennas and other necessary equipment and leave behind a working packet system.

Project sponsors include the government of La Rioja province, the URLR (the La Rioja Radiomateurs Association), Radioamateurs Without Frontiers (RSF), and the URE Foundation, marking its 50th anniversary this year. The HU4U operating frequencies are 1845, 3795, 7065, 14195, 18145, 21295, 24945 and 28495 SSB; 1833, 3503, 7003, 10103, 14023, 18073, 21023, 24893 and 28023 CW and 7034, 10114, 14084, 18094, 21084, 24924 and 28184 RTTY. QSL cards via EA4URE.—thanks to Chuck Hutchinson, K8CH

## Silent Keys

### Rolly Mitchell, W9PEP

Dear All,

It saddens me to share the news that Roland Mitchell (RMitch1032) passed away on June 21, 1999. He was 66 years of age. My name is Barb Ellison, his daughter. On behalf of my family, I want to thank all of you for sharing a part of my father's life. He truly enjoyed ham radio and we truly enjoyed watching him and listening to conversations he has had all over the world. Although he is no longer on this planet, he will forever be remembered by many. He is still a great man in my eyes.

Thank you.

W9PEP's Family

### King Hassan II, CN8MH

King Hassan II, CN8MH, SK: Morocco's King Hassan II (Moulay Hassan), CN8MH, died July 24. He had been licensed since 1956. Ahmed Boudda, CN8GI, called the late monarch "a friend to all Moroccan hams." US President Bill Clinton was among the international dignitaries attending services for King Hassan II on July 25.





## For Sale

• Sony Car CD Player. Sony model EXCD-31 car in-dash AM/FM/CD player. Excellent condition (selling it because it doesn't fit in my new car). Presently wired for FORD wiring harness, but conversion kits are available for many others. Was \$230 on sale in 1997, selling for \$125.

• Cooling fan for Pentium chip. Plugs into internal power connector, and clips directly to top of Pentium chip, pulling air over it all the time the computer is on. \$5.00

Contact Don Gagnon, WB8HQ5 at 484-3317 or dagagnon@pipeline.com



1. Kenwood TS-830s with WARC channels & Desk Mic
2. Yaesu FT-3000m 70watt 2meter mobile (like new)
3. MFJ 1278B Multi-mode TNC
4. MFJ Deluxe versa-tuner 2
5. Ringo Ranger 2-meter antenna
6. Cushcraft A148-10s 2meter 10 element beam
7. 10-160 meter long-wire HF antenna

Selling as a lot. \$1,050.00

Contact Mike Graham, N9ZNT, at 478-4556 or n9znt7@gte.net



- Drake TR-4 xcvr 300w input ssb mint condx w/AC supply & manual \$295
- Icom IC-271A 1-25 w 2mtr multi mode xcvr, 32 mem+ scan w/manual \$495
- Icom IC-2AT 2mtr ht w/charger & AC adapter & manual & box \$100
- Yaesu FC-20 auto ant tuner for FT-847 100 w 160-6 mtrs new w/box & man \$250
- Gates M-5078 50w am/cw xmtr w/AC supply pr 6L6 mod 6146 final / man \$250
- KLM 2mtr fm-cw solid state amp 10w in 70w out \$75
- Motorola EB-67 440mhz linear solid state amp 10w input requires 28vdc \$100
- Palomar TX-150 100w solid state linear amp 2-30mhz w/pre amp & sche \$125
- HME HM-50 50w solid state 3-30mhz linear amp 5-10w input \$65
- Ramsey 40mtr QRP xmtr + HB direct conversion rx +TRAC CMOS keyer \$100
- SBE SB-450TRC 2mtr-440 FM-CW transverter 20w in-10w out \$95
- Mirage B-1016G 2mtr solid state linear amp 10w in-160w out w/pre amp \$225
- Rf Concepts RFC 4-310 solid state linear amp w/pre amp 30in-160out \$250
- T Berry T-SCAN 4ch scanner 150-170mhz handheld \$10
- Midland 13-500 2mtr FM mobile 12ch xtal solid state 1-15w w/man \$95

- TS-175 A/U freq mtr 85-1000mhz WWII surplus \$25
  - RCA 710-A signal generator 255-540mhz \$25
  - Vibratrol xmtr modulation monitor 3inch scope 2-30mhz \$25
  - Sylvania 131 oscilloscope 3 inch \$10
  - Texscan VS-60 sweep generator \$25
  - B&K model 120 VOM similar to SIMPSON 260 \$45
  - EICO model 430 3inch scope w/manual \$15
  - RME VHF 152A 2-6-10mtr tube converter for 40mtr I.F. w/manual \$15
  - Tandy computer A-B switch for serial port 9pin DIN connectors \$10
  - Cesco/Newtronics swr/relative power meter 2-150mhz \$15
  - Heathkit GD-1B tube type grid dip meter /w coils \$10
  - Sigma swr/pwr meter 3.5-150mhz 0-200 & 0-2kw ranges \$15
  - EF Johnson Messenger 123-A 23ch AM cb \$10
  - Jerold CATV converter \$25
  - Collins T-217/GR 400mhz amp pair 4X-150A autotune w/schematic \$100
  - 26-910 inverter 12-14vdc in @20a 110vac out @185-190w \$45
  - telephone touch tone pad w/mounting \$5
  - Eico model 250 AC VTVM & amp \$15
  - B&K model 177 vtvm \$25
  - KNIGHTKIT P2/swr-pwr meter 1.8-432mhz \$25
  - Icom HT spkr /mic \$15
  - 40ft military tower kits new in the box /w sledge, guys, etc. 5ft alum sec \$95
- Many other items & components too numerous to mention  
Gene W9MZH 219-432-6175 or W9MZH@JUNO.COM



**NOTE:** For Sale & Wanted items will be listed for 2 months only unless the ad is resubmitted. If you sell an item the first month, please contact the editor so the item can be removed. Thank you.

## Upcomming Regional Hamfests

August 7 .....	Quincy, IL
August 7 .....	Columbus, OH
August 8 .....	Peotone, IL
August 15 .....	Jackson, MI
August 22 .....	Lexington, KY
September 11 .....	Spencer, IN
September 11-12 .....	Louisville, KY
September 12 .....	Findlay, OH
September 18 .....	Rolling Meadows, IL
September 18-19 .....	Peoria, IL
September 19 .....	Adrian, MI
September 19 .....	Cincinnati, OH
September 25-26 .....	Grayslake, IL
September 26 .....	Cleveland, OH
October 31 .....	Marion, OH
November 7 .....	Massillon, OH
November 7 .....	Kaukauna, WI
November 13-14 .....	Fort Wayne, IN



Membership Data: (Give this form to the treasurer at any FWRC meeting or mail to the address below)

Name \_\_\_\_\_ Call \_\_\_\_\_ Class: ☐ N ☐ T ☐ G ☐ A ☐ AE

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone: \_\_\_\_\_

Work Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

**MEMBERSHIP HANDBOOK** -- Provided at no cost to club members, this handbook provides a full set of information about present and past club activities, events, and functions. The handbook is available in a clear cover binder, and is upgradeable by easy insertion of new pages into the binder.

The FWRC is moving toward electronic information distribution. Are you interested in receiving information from the club by E-MAIL? ☐ Y ☐ N

Shall we list your address and phone number in the membership roster ☐ Y ☐ N?

Are you presently an ARRL member ☐ Y ☐ N?

Membership Term: ☐ (Jan - Dec) ☐ (Jul - Dec)

Family Membership: ☐ \$21.00/yr ☐ \$10.50/yr immediate family (list all callsigns)

Regular Membership: ☐ \$15.00/yr ☐ \$7.50/yr licensed member

Student Membership: ☐ \$6.00/yr ☐ \$3.00/yr full time student

Associate Membership: ☐ \$15.00/yr ☐ \$7.50/yr unlicensed member

Your Check Number \_\_\_\_\_ please pay by check. It's easier for both of us.

Mail to: The Fort Wayne Radio Club  
PO Box 15127  
Fort Wayne, IN 46885

### Fort Wayne Radio Club Repeaters

Voice: 146.76/16

146.94/34

444.875/449.875

ATV: 439.25 In, 910.250 Out

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, via e-mail WB9UZA at aol.com. Please put "for Hamsplatter" in the Subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

**Deadline for the September issue: 8/27/99.**

**NOTE: This is earlier than usual.**

### Area Traffic Nets

(please submit any changes or corrections to the editor)

**IMO:** meets nightly at 2330 UTC (6:30 PM) on 146.88

**Auburn:** meets Mon, Wed., Thur., Fri., & Sat. at 2300 UTC (6 PM) on 147.015+

**21 Repeater Group:** meets each Wednesday at 0200 UTC (9 PM) on 147.150

**Fort Wayne 6M net:** meets nightly at 0000 UTC (7 PM) on 50.58 AM

### Miscellaneous Nets

**Huntington ARES:** Sat/Tues at 0100 UTC (8 PM) on 146.685

**Portside:** 3rd Wednesday at 0030 UTC (7:30 PM) on 444.300

**Whitley Co. / ARES:** Wednesdays at 0015 UTC (7:15 PM) on 145.270 - (Note 131.8 PL disabled for all nets)

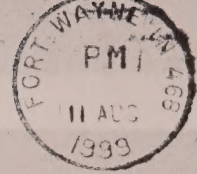
**Whitley Co. Sunday:** Sundays at 0045 UTC (7:45 PM) on 444.550 +. (The 146.460 simplex crossbanding from both nets has been dropped.)

**Sloppy Code Net:** Sundays at 0200 UTC (9 PM) on 40M (7.1405 MHz). This CW net's purpose is to build confidence and help increase code speed. The speed is generally 1-10 WPM. If you want to copy only contact Henry, KA9ZNN at 749-8968 for details.

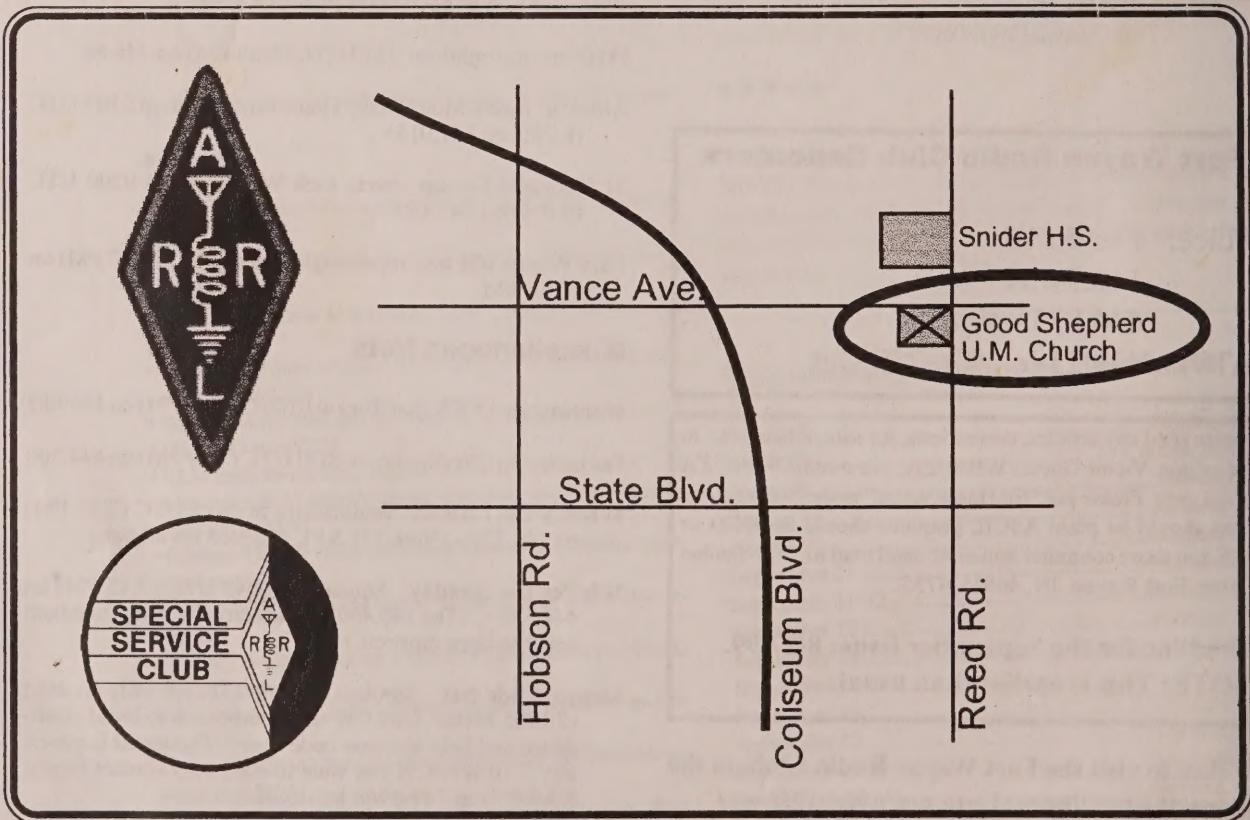
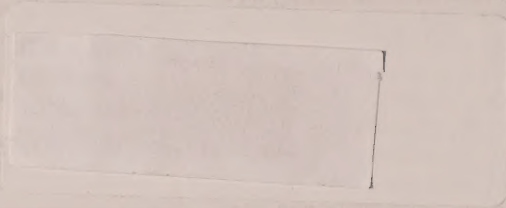
**Be sure to visit the Fort Wayne Radio Club on the Internet: <http://home1.gte.net/n9iww2/fwrc/>**



THE FORT WAYNE RADIO CLUB  
PO BOX 15127  
FORT WAYNE, IN 46885



TO:



513 573-0249